



## State of Utah

### Department of Natural Resources

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas & Mining

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

#### Representatives Present During the Inspection:

OGM	Pete Hess	Environmental Scientist III
Company	Guy Davis	Environmental Scientist

## Inspection Report

Permit Number:	<b>C0150019</b>
Inspection Type:	<b>COMPLETE</b>
Inspection Date:	Tuesday, December 20, 2005
Start Date/Time:	12/20/2005 8:20:00 AM
End Date/Time:	12/20/2005 10:40:00 AM
Last Inspection:	Tuesday, September 20, 2005

Inspector: Pete Hess, Environmental Scientist III

Weather: Overcast, 30's F.

InspectionID Report Number: 822

Accepted by: whedberg  
12/21/2005

Permittee: **PACIFICORP**

Operator: **ENERGY WEST MINING CO**

Site: **COTTONWOOD/ WILBERG**

Address: **PO BOX 310, HUNTINGTON UT 84528**

County: **EMERY**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

#### Current Acreages

6,886.88	<b>Total Permitted</b>
62.82	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

#### Mineral Ownership

- ☒ Federal  
☐ State  
☐ County  
☒ Fee  
☐ Other

#### Types of Operations

- ☒ Underground  
☐ Surface  
☐ Loadout  
☐ Processing  
☐ Reprocessing

#### Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The Cottonwood / Wilberg Mine remains in temporary cessation status.

The Permittee continues to meet the Special Permit Condition included as Attachment "A" of the current State permit, which requires that the Permittee submit all surface and ground water monitoring information in an electronic form to the Division EDI on a quarterly basis.

Both the main facilities area and the Cottonwood Fan portal area are under approximately 2 to 3 inches of snow.

The road inby the main facilities gate had not been plowed.

#### Inspector's Signature

Date Tuesday, December 20, 2005

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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## Inspection Continuation Sheet

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### **REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **1. Permits, Change, Transfer, Renewal, Sale**

The Permittee anticipates submitting a Phase 1 bond release application to the Division for the Deer Creek 9th East portals (located above the Wilberg Mine fan) in January, 2006. The Permittee also intends to apply for a Phase 2 / Phase 3 bond release for the reclaimed Cottonwood refuse disposal area during 2006.

### **4.a Hydrologic Balance: Diversions**

All diversions are covered with snow. Mr. Davis indicated that the ditch which exists on the cut bank side of the elevated road adjacent to the bin wall (main facilities area) has had rock rubble removed since the September inspection.

### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

The Permittee's qualified representatives (Messrs. John Christensen and Rick Cullum) performed the third quarter of 2005 sediment pond inspections for the North and South ponds, as well as the waste rock site pond on September 20, 2005. The inspection report was completed on September 29, 2005, followed by Mr. Christensen's P.E. certification on October 14, 2005. There were no unstable conditions or other hazards reported for any of the ponds. The North and South ponds have 0.38 and 0.32 acre feet of sediment storage capacity remaining prior to reaching the 60% sediment cleanout elevation. The waste rock pond has 2.23 acre feet of sediment storage capacity remaining, prior to cleanout.

### **4.d Hydrologic Balance: Water Monitoring**

The Permittee submitted the November UPDES discharge monitoring reports for the Cottonwood/Wilberg Mine (outfalls 001A and 004A) on December 19, 2005. Outfall 001A reported a flow of 0.02 mgpd from the Cottonwood Creek discharge point. There were no exceedances of effluent parameters. UPDES 004A was reported as "no discharge".

## **7. Coal Mine Waste, Refuse Piles, Impoundments**

The Cottonwood / Wilberg waste rock sites (the active and the reclaimed areas) were inspected by Mr. John Christensen, P. E., on September 20, 2005, with the required P.E. certification being performed on October 14, 2005. There were no indications of hazardous or unstable conditions reported. No coal waste is being hauled to the waste rock site; only sediment pond cleanout is being disposed of here. The certified inspection reports were forwarded to the DOGM on October 17, 2005.

### **16.a Roads: Construction, Maintenance, Surfacing**

The Permittee has made a temporary repair to the bin wall area which is located within the main facilities area. Fill has been placed in the void, and a berm has been placed on the road surface above the failure area to direct runoff down the road, such that it can not wet the back filled void. When the Mine is re-opened, the Permittee and the Division will need to re-evaluate this repair to determine if it is adequate for the amount and weight of the vehicles which will be passing over it.